

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101121\  
 Data File : VV022734.D  
 Acq On : 11 Oct 2021 17:04  
 Operator : SY/MD  
 Sample : M4109-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YATJ7

Quant Time: Oct 12 03:42:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 12 03:20:38 2021  
 Response via : Initial Calibration

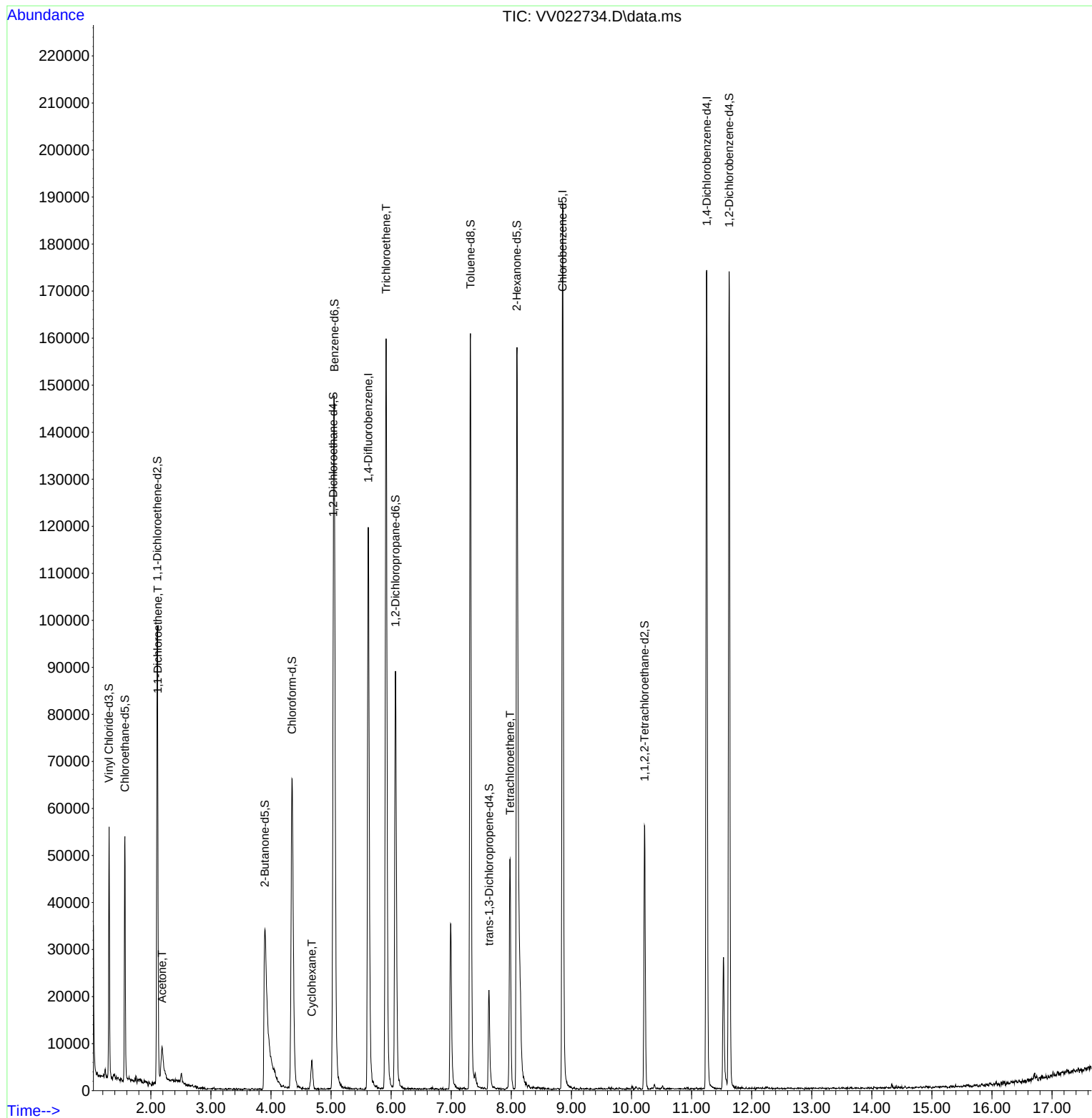
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 108144   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 108992   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 48881    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 30710    | 4.127    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 82.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 31988    | 4.784    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 49041    | 3.360    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.200%  |
| 20) 2-Butanone-d5             | 3.896  | 46    | 88704    | 45.468   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.940%  |
| 24) Chloroform-d              | 4.349  | 84    | 69465    | 4.530    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 34914    | 4.692    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.800%  |
| 32) Benzene-d6                | 5.053  | 84    | 135410   | 4.173    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 44681    | 4.650    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.000%  |
| 41) Toluene-d8                | 7.320  | 98    | 110561   | 3.942    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.800%  |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 13028    | 4.087    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.800%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 53812    | 41.892   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 26656    | 4.095    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 46851    | 5.170    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.400% |
| Target Compounds              |        |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 1817     | 0.278    | ug/L # | 1        |
| 13) Acetone                   | 2.188  | 43    | 18384    | 16.899   | ug/L # | 68       |
| 30) Cyclohexane               | 4.677  | 56    | 2799     | 0.244    | ug/L # | 94       |
| 34) Trichloroethene           | 5.915  | 95    | 54703    | 6.853    | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.979  | 164   | 11813    | 1.830    | ug/L   | 96       |

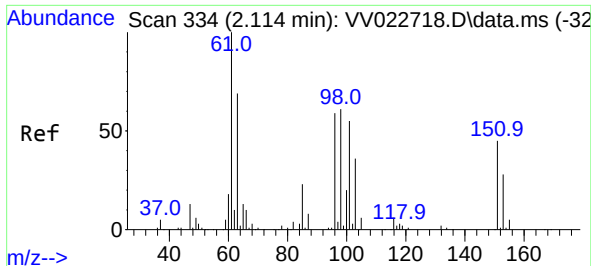
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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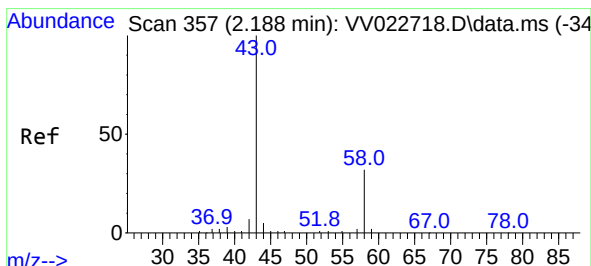
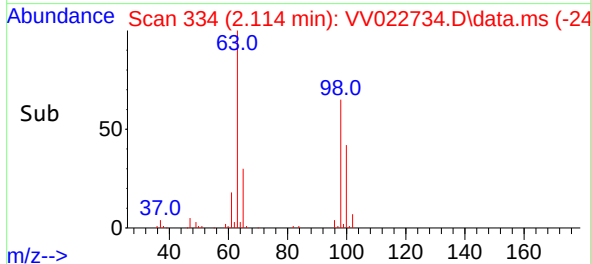
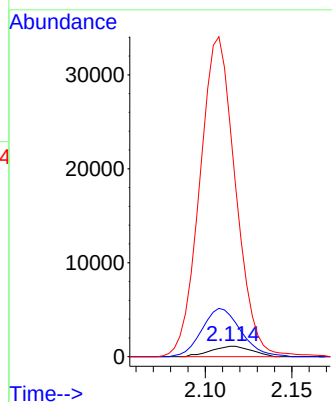
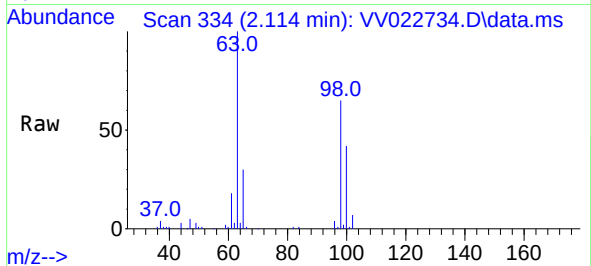




#12  
1,1-Dichloroethene  
Concen: 0.278 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV022734.D  
Acq: 11 Oct 2021 17:04

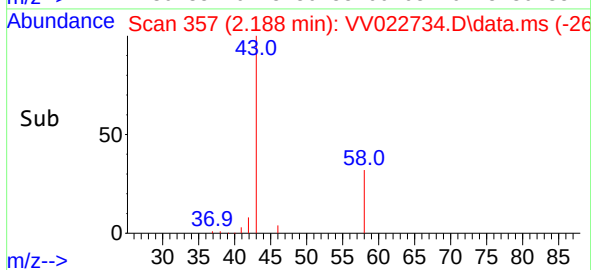
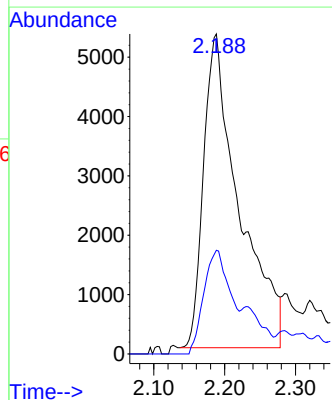
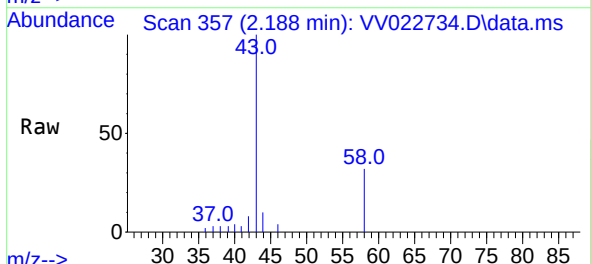
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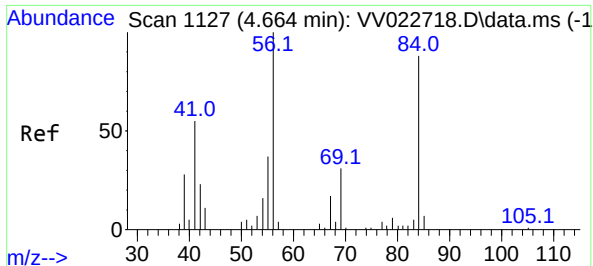
Tgt Ion: 96 Resp: 1817  
Ion Ratio Lower Upper  
96 100  
61 398.4 127.3 236.5#  
63 2238.0 106.2 197.2#



#13  
Acetone  
Concen: 16.899 ug/L  
RT: 2.188 min Scan# 357  
Delta R.T. 0.000 min  
Lab File: VV022734.D  
Acq: 11 Oct 2021 17:04

Tgt Ion: 43 Resp: 18384  
Ion Ratio Lower Upper  
43 100  
58 24.4 0.0 24.2#

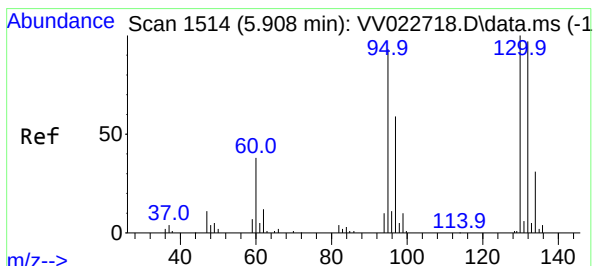
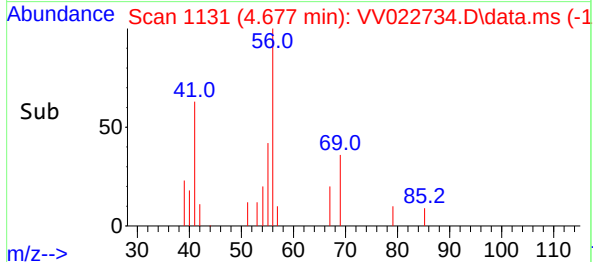
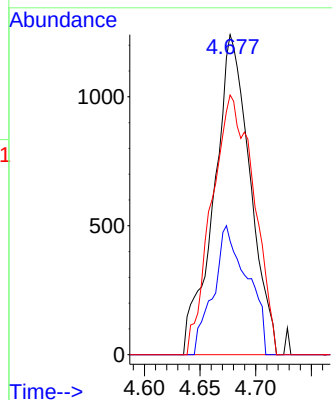
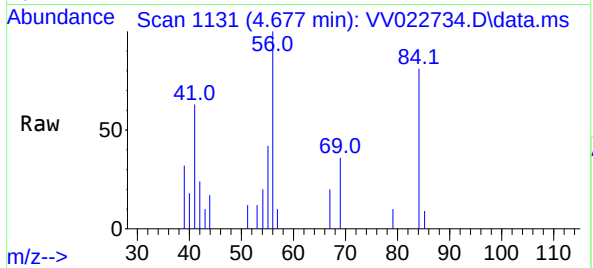




#30  
Cyclohexane  
Concen: 0.244 ug/L  
RT: 4.677 min Scan# 1131  
Delta R.T. 0.013 min  
Lab File: VV022734.D  
Acq: 11 Oct 2021 17:04

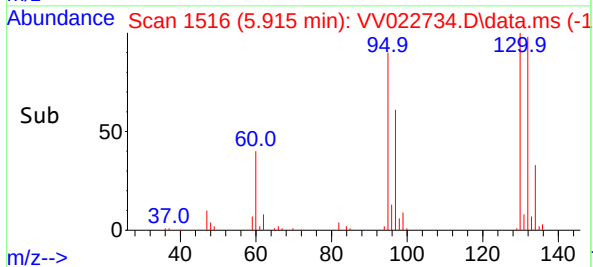
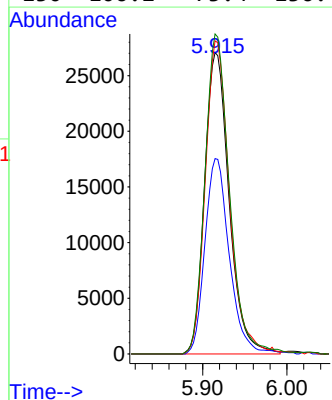
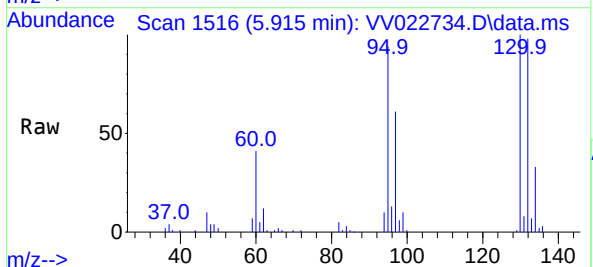
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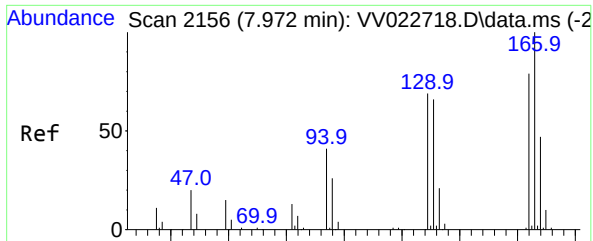
Tgt Ion: 56 Resp: 2799  
Ion Ratio Lower Upper  
56 100  
69 37.8 24.9 37.3#  
84 94.6 72.5 108.7



#34  
Trichloroethene  
Concen: 6.853 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.007 min  
Lab File: VV022734.D  
Acq: 11 Oct 2021 17:04

Tgt Ion: 95 Resp: 54703  
Ion Ratio Lower Upper  
95 100  
97 64.8 45.8 85.2  
132 103.9 72.2 134.0  
130 106.2 73.4 136.4





#47  
Tetrachloroethene  
Concen: 1.830 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.007 min  
Lab File: VV022734.D  
Acq: 11 Oct 2021 17:04

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion:164 Resp: 11813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 97.6  | 65.0  | 120.6 |
| 131 | 91.3  | 62.2  | 115.4 |
| 166 | 132.0 | 89.2  | 165.8 |

